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IN THE CLAIMS:

sub C9 1. (Twice amended) A gene delivery vehicle comprising at least a tissue tropism for smooth muscle cells.

sub F1 2. (Twice amended) A gene delivery vehicle with a significantly reduced tissue tropism for liver cells.

B 7. (Twice amended) The gene delivery vehicle of claim 5 wherein at least one of said viruses is a subgroup B adenovirus.

B 10. (Twice amended) The gene delivery vehicle of claim 5 wherein said virus capsid comprises protein fragments from at least two different viruses and wherein said protein fragments are not from an adenovirus of subgroup B and are from an adenovirus of subgroup C.

B 11. (Twice amended) The gene delivery vehicle of claim 1 further comprising an adenoviral nucleic acid.

12. (Twice amended) The gene delivery vehicle of claim 11 wherein said adenoviral nucleic acid comprises sequences originating from at least two different adenoviruses.

13. (Twice amended) The gene delivery vehicle of claim 11 wherein said adenoviral nucleic acid comprises at least one sequence encoding a fiber protein comprising at least a tissue tropism determining fragment of a subgroup B adenovirus fiber protein.

14. (Twice amended) The gene delivery vehicle of claim 11 wherein said adenoviral nucleic acid is modified such that the capacity of said adenoviral nucleic acid to replicate in a target cell has been reduced or disabled.

Please cancel claim 15 without prejudice or disclaimer.

sub c<sup>11</sup>

19. (Twice amended) A cell for producing a gene delivery vector having a tissue tropism for smooth muscle cells said cell comprising means for the assembly of gene delivery vectors wherein said means includes a means for the production of an adenoviral fiber protein, wherein said adenoviral fiber protein comprises at least a tissue tropism determining fragment of a subgroup B adenoviral fiber protein.

20. (Twice amended) The cell of claim 19, wherein said cell is or originates from a PER.C6 cell (ECACC deposit number 96022940).

sub c<sup>12</sup>

24. (Twice amended) An adenovirus capsid having a tissue tropism for smooth muscle cells wherein said capsid comprises proteins from at least two different adenoviruses and wherein at least a tissue tropism determining fragment of a fiber protein is derived from a subgroup B adenovirus.

25. (Twice amended) An adenovirus capsid with a significantly reduced tissue tropism for liver cells wherein said adenovirus capsid comprises proteins from at least two different adenoviruses and wherein at least a tissue tropism determining fragment of a fiber protein is derived from a subgroup B adenovirus.

26. (Twice amended) A method of delivering nucleic acid to smooth muscle cells, said method comprising:  
administering to said smooth muscle cells an adenovirus capsid comprising proteins from at least two different adenoviruses and wherein at least a tissue tropism determining fragment of a fiber protein is derived from a subgroup B adenovirus.

sub c<sup>14</sup>

37. (Twice amended) A method of significantly reducing an adenovirus capsid of a tissue tropism for liver cells, said method comprising using fiber protein of adenovirus 16 in an adenovirus capsid therefor.

41. (Amended) The gene delivery vehicle of claim 6 wherein at least one of said viruses is [an adenovirus of a subgroup B adenovirus.

42. (Amended) The gene delivery vehicle of claim 40 wherein at least one of said protein fragments comprises a tissue tropism determining fragment of a fiber protein from a subgroup B adenovirus.

Please add the following new claims:

Sub C<sup>15</sup> 44. A gene delivery vehicle comprising increased tissue tropism for endothelial cells, wherein said tissue tropism is being provided by a virus capsid and wherein said virus capsid comprises protein fragments from at least two different viruses.

45. The gene delivery vehicle of claim 44 wherein at least one of said viruses is an adenovirus.

46. The gene delivery vehicle of claim 44 wherein at least one of said viruses is a subgroup B adenovirus.

Sub C<sup>16</sup> 47. The gene delivery vehicle of claim 44 wherein at least one of said protein fragments comprises a tissue tropism determining fragment of a fiber protein derived from a subgroup B adenovirus.

Sub C<sup>17</sup> 48. The gene delivery vehicle of claim 44 wherein said subgroup B adenovirus is adenovirus 16.

Sub C<sup>17</sup> 49. The gene delivery vehicle of claim 44 wherein said protein fragments are not from an adenovirus of subgroup B and are derived from an adenovirus of subgroup C.

Sub C<sup>17</sup> 50. The gene delivery vehicle of claim 44 wherein said virus capsid comprises

protein fragments from at least two different viruses and wherein said protein fragments are not [derived] from an adenovirus of subgroup B and are from an adenovirus of subgroup C.

51. The gene delivery vehicle of claim 44 wherein further comprising an adenoviral nucleic acid.

sub C<sup>18</sup> 52. The gene delivery vehicle of claim 51 ~~wherein said adenoviral nucleic acid comprises sequences originating from at least two different adenoviruses.~~

sub C<sup>18</sup> 53. The gene delivery vehicle of claim 51 wherein said adenoviral nucleic acid comprises at least one sequence encoding a fiber protein comprising a tissue tropism determining fragment of a subgroup B adenovirus fiber protein.

54. The gene delivery vehicle of claim 51 wherein said adenoviral nucleic acid is modified such that the capacity of said adenoviral nucleic acid to replicate in a target cell has been reduced or disabled.

55. The gene delivery vehicle of claim 44 further comprising a minimal adenovirus vector or an Ad/AAV chimaeric vector.

56. The gene delivery vehicle of claim 44 further comprising at least one non-adenoviral nucleic acid.

57. The gene delivery vehicle of claim 56 wherein at least one of said non-adenoviral nucleic acids is a gene selected from the group of genes encoding a protein selected from the group consisting of: an apolipoprotein, a nitric oxide synthase, a herpes simplex virus thymidine kinase, an interleukin-3, an interleukin-1 $\alpha$ , an (anti) angiogenesis protein, an anti-proliferation protein, a smooth muscle cell anti-migration protein, a vascular endothelial growth factor (VEGF), a basic fibroblast growth factor, a hypoxia inducible factor 1 $\alpha$  (HIF-1 $\alpha$ ) and a PAI-1.

Sub c'9

58. An adenovirus capsid having an increased tissue tropism for endothelial cells wherein said capsid comprises proteins from at least two different adenoviruses and wherein at least a tissue-tropism determining fragment of a fiber protein is derived from a subgroup B adenovirus.